

INTERNATIONAL SEARCH REPORT

Int ional Application No
PCT/GB2004/004683

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12Q1/32 G01N33/50 G01N33/68 A61P15/08		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) IPC 7 C12Q G01N		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, BIOSIS, WPI Data, PAJ, EMBASE		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	THURSTON LISA M ET AL: "Identification of amplified restriction fragment length polymorphism markers linked to genes controlling boar sperm viability following cryopreservation" BIOLOGY OF REPRODUCTION, vol. 66, no. 3, March 2002 (2002-03), pages 545-554, XP008042683 ISSN: 0006-3363 cited in the application page 545, right-hand column, line 2 - line 16	1-13
A	US 6 183 991 B1 (LOK SI ET AL) 6 February 2001 (2001-02-06) abstract ----- -/--	14-29
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *Z* document member of the same patent family		
Date of the actual completion of the international search 23 February 2005		Date of mailing of the international search report 04/03/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016		Authorized officer Gundlach, B

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>NACHARAJU V L ET AL: "Presence of 11beta-hydroxysteroid dehydrogenase in human semen: Evidence of correlation with semen characteristics"</p> <p>STEROIDS: STRUCTURE, FUNCTION, AND REGULATION, ELSEVIER SCIENCE PUBLISHERS, NEW YORK, NY, US, vol. 62, no. 3, March 1997 (1997-03), pages 311-314, XP004057110</p> <p>ISSN: 0039-128X</p> <p>cited in the application abstract</p>	1-26
A	<p>NEUMANN A ET AL: "Temporal coincidence of the appearance of elongated spermatids and histochemical reaction of 11-beta-hydroxysteroid dehydrogenase in rat Leydig cells"</p> <p>ANDROLOGIA, vol. 25, no. 5, 1993, pages 263-269, XP008042676</p> <p>ISSN: 0303-4569</p> <p>abstract</p>	1-26
A	<p>GREGORY L: "Ovarian markers of implantation potential in assisted reproduction."</p> <p>HUMAN REPRODUCTION (OXFORD, ENGLAND) DEC 1998, vol. 13 Suppl 4, December 1998 (1998-12), pages 117-132, XP008042677</p> <p>ISSN: 0268-1161</p> <p>abstract</p>	21-26
A	<p>THURSTON L M ET AL: "Ovarian modulators of 11beta-hydroxysteroid dehydrogenase (11betaHSD) activity in follicular fluid from gonadotrophin-stimulated assisted conception cycles."</p> <p>REPRODUCTION (CAMBRIDGE), vol. 124, no. 6, December 2002 (2002-12), pages 801-812, XP008042678</p> <p>ISSN: 1470-1626</p> <p>cited in the application</p> <p>page 803, right-hand column, paragraphs 2,3</p> <p>page 804, left-hand column, paragraph 1</p> <p style="text-align: center;">-/--</p>	27-29

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	THURSTON L M ET AL: "Ovarian modulators of type 1 11beta-hydroxysteroid dehydrogenase (11betaHSD) activity and intra-follicular cortisol:cortisone ratios correlate with the clinical outcome of IVF." HUMAN REPRODUCTION (OXFORD), vol. 18, no. 8, August 2003 (2003-08), pages 1603-1612, XP008042682 ISSN: 0268-1161 cited in the application abstract	27-29
A	THURSTON LISA M ET AL: "Ovarian modulators of 11beta-hydroxysteroid dehydrogenase (11betaHSD) activity in follicular fluid from bovine and porcine large antral follicles and spontaneous ovarian cysts." BIOLOGY OF REPRODUCTION, vol. 68, no. 6, June 2003 (2003-06), pages 2157-2163, XP008042685 ISSN: 0006-3363 cited in the application abstract	27-29
A	GAFFNEY B T ET AL: "Panax ginseng and Eleutherococcus senticosus may exaggerate an already existing biphasic response to stress via inhibition of enzymes which limit the binding of stress hormones to their receptors" MEDICAL HYPOTHESES, vol. 56, no. 5, May 2001 (2001-05), pages 567-572, XP008042673 ISSN: 0306-9877 abstract	27-29

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6183991	B1	06-02-2001	
		US 5959075 A	28-09-1999
		US 6709659 B1	23-03-2004
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